CLAIMS

Now, therefore, the following is claimed:

1   1.   A system for initiating capture of images:

2   a photosensor configured to capture an image;

3   a processor configured to execute logic for;

4   determining an exposure value for the image;

5   computing an exposure value change from a previous exposure value;

6   comparing the exposure value change to an exposure value change

7   criteria; and

8   a memory configured to store the image when the exposure value change is at

9 least equal to the exposure value change criteria.

1   2.   A method for initiating capture of images, the method comprising the

2 steps of:

3   determining an exposure value for the image;

4   computing an exposure value change from a previous exposure value;

5   comparing the exposure value change to an exposure value change criteria;

6 and

7   capturing the image when the exposure value change is at least equal to the

8 exposure value change criteria.

1   3.   The method of claim 2, further comprising the step of calculating the

2 previous exposure value from at least one previously captured image.

1   4.   The method of claim 2, wherein the step of capturing further includes

2 the step of storing the image in a memory.

1   5.   The method of claim 4, wherein the step of capturing further includes

2 the step of storing in the memory at least one subsequent image.

1   6.   The method of claim 4, wherein the step of capturing further includes

2   the step of storing in the memory at least one previously captured image.

1   7.   The method of claim 2, wherein the step of capturing further includes

2   the step of exposing the image to film.

1   8.   The method of claim 2, wherein the image is a still image.

1   9.   The method of claim 2, wherein the image is a video image.

1   10.   The method of claim 2, further comprising the step of comparing the

2   exposure value to a predefined threshold such that the step of capturing the image

3   when the exposure value change is at least equal to the exposure value change criteria

4   is performed when the exposure value is at least equal to the predefined threshold.

1   11.   A system for initiating capture of images, comprising:

2   means for determining an exposure value for the image;

3   means for computing an exposure value change from a previous exposure

4   value;

5   means for comparing the exposure value change to an exposure value change

6   criteria; and

7   means for capturing the image when the exposure value change is at least

8   equal to the exposure value change criteria.

1   12.   The system of claim 11, further comprising the step of calculating the

2   previous exposure value from at least one previously captured image.

1   13.   The system of claim 11, wherein the means for capturing further

2   includes means for storing the image in a memory.

1   14.   The system of claim 13, wherein the means for capturing further

2   includes means for storing in the memory at least one subsequent image.

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1   15.   The system of claim 13, wherein the means for capturing further

2   includes means for storing in the memory at least one previously captured image.

1   16.   The system of claim 11, wherein the means for capturing further

2   includes means for exposing the image to film.

1   17.   A computer readable medium having a program for initiating capture

2   of images, the program comprising logic configured to perform the steps of:

3   determining an exposure value for the image;

4   computing an exposure value change from a previous exposure value;

5   comparing the exposure value change to an exposure value change criteria;

6   and

7   capturing the image when the exposure value change is at least equal to the

8   exposure value change criteria.

1   18.   The system of claim 17, wherein the program is further configured to

2   perform the step of calculating the previous exposure value from at least one

3   previously captured image.

1   19.   The system of claim 17, wherein the program is further configured to

2   perform the step of storing the image in a memory.

1   20.   The system of claim 19, wherein the program is further configured to

2   perform the step of storing in the memory at least one subsequent image.

1   21.   The system of claim 19, wherein the program is further configured to

2   perform the step of storing in the memory at least one previously captured image.